RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/723, 003ASource: 1FW16Date Processed by STIC: 01/25/2007

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IFW16

RAW SEQUENCE LISTING DATE: 01/25/2007
PATENT APPLICATION: US/10/723,003A TIME: 14:46:02

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Output Set: N:\CRF4\01252007\J723003A.raw

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        GUO, Yajun
 7 <120> TITLE OF INVENTION: PREPARATION AND APPLICATION OF
        ANTI-TUMOR BIFUNCTIONAL FUSION PROTEINS
10 <130> FILE REFERENCE: 047630-0301
12 <140> CURRENT APPLICATION NUMBER: US 10/723,003A
13 <141> CURRENT FILING DATE: 2003-11-26
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16 <151> PRIOR FILING DATE: 2003-11-25
18 <150> PRIOR APPLICATION NUMBER: CN 031292909
19 <151> PRIOR FILING DATE: 2003-06-13
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33 ttegetgtea aaateegtga getgtetgae tacetgette aagattacee agteacegtg 180
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                                   25
52 Gln His Ser Pro Ile Ser Ser Asp Phe Ala Val Lys Ile Arg Glu Leu
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54 Ser Asp Tyr Leu Leu Gln Asp Tyr Pro Val Thr Val Ala Ser Asn Leu
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56 Gln Asp Glu Glu Leu Cys Gly Gly Leu Trp Arg Leu Val Leu Ala Gln
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75

70

57 65

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TIME: 14:46:02

Input Set : A:\47630301.txt Output Set: N:\CRF4\01252007\J723003A.raw 58 Arg Trp Met Glu Arg Leu Lys Thr Val Ala Gly Ser Lys Met Gln Gly 59 90 60 Leu Leu Glu Arg Val Asn Thr Glu Ile His Phe Val Thr Lys Cys Ala 100 105 110 62 Phe Gln Pro Pro Pro Ser Cys Leu Arg Phe Val Gln Thr Asn Ile Ser 63 115 120 64 Arg Leu Leu Gln Glu Thr Ser Glu Gln Leu Val Ala Leu Lys Pro Trp 140 135 66 Ile Thr Arg Gln Asn Phe Ser Arg Cys Leu Glu Leu Gln Cys Gln Pro 150 155 68 Asp Ser Ser Thr Leu Pro Pro Pro Trp Ser Pro Arg Pro Leu Glu Ala 170 165 70 Thr Ala Pro Thr Ala Pro 180 74 <210> SEQ ID NO: 3 75 <211> LENGTH: 1242 76 <212> TYPE: DNA 77 <213> ORGANISM: Artificial Sequence .79 <220> FEATURE: 80 <223> OTHER INFORMATION: Synthetic Construct 82 <400> SEQUENCE: 3 83 atgacagtgc tggcgccagc ctggagccca acaacctatc tcctcctgct gctgctgctg 60 84 agetegggae teagtgggae eeaggaetge teetteeaae acageeeeat eteeteegae 120 85 ttegetgtea aaateegtga getgtetgae tacetgette aagattaeee agteacegtg 180 86 geetecaaee tgeaggaega ggagetetge gggggeetet ggeggetggt eetggeaeag 240 87 cgctggatgg agcggctcaa gactgtcgct gggtccaaga tgcaaggctt gctggagcgc 300 88 gtgaacacgg agatacactt tgtcaccaaa tgtgcctttc agccccccc cagctgtctt 360 89 cgcttcgtcc agaccaacat ctcccgcctc ctgcaggaga cctccgagca gctggtggcg 420 90 ctgaagccet ggatcactcg ccagaactte teeeggtgee tggagetgea gtgtcageee 480 91 gactecteaa ecetgeeace eceatggagt eceeggeece tggaggeeac ageeecgaea 540 92 geoceggage ccaaatettg tgacaaaact cacacatgee cacegtgeee ageacetgaa 600 93 ctcctggggg gaccgtcagt cttcctcttc cccccaaaac ccaaggacac cctcatgatc 660 94 teceggaece etgaggteae atgegtggtg gtggaegtga gecaegaaga ceetgaggte 720 95 aagttcaact ggtacgtgga cggcgtggag gtgcataatg ccaagacaaa gccgcgggag 780 96 gagcagtaca acagcacgta ccgggtggtc tgcgtcctca ccgtcctgca ccaggactgg 840 97 ctgaatggca aggagtacaa gtgcaaggtc tccaacaaag ccctcccagc ccccatcgag 900 98 aaaaccatct ccaaagccaa agggcagccc cgagaaccac aggtgtacac cctgccccca 960 99 tecegggatg agetgaceaa gaaceaggte ageetgacet geetggteaa aggettetat 1020 100 cccagcgaca tcgccgtgga gtgggagagc aatgggcagc cggagaacaa ctacaagacc 1080 101 acgcctcccg tgctggactc cgacggctcc ttcttcctct acagcaagct caccgtggac 1140 102 aagagcaggt ggcagcaggg gaacgtcttc tcatgctccg tgatgcatga ggctctgcac 1200 103 aaccactaca cgcagaagag cctctccctg tctcccggta aa 105 <210> SEQ ID NO: 4 106 <211> LENGTH: 414 107 <212> TYPE: PRT 108 <213> ORGANISM: Artificial Sequence 110 <220> FEATURE: 111 <223> OTHER INFORMATION: Synthetic Construct

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Output Set: N:\CRF4\01252007\J723003A.raw

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117				20					25					30		
	Gln	His		Pro	Ile	Ser	Ser	_	Phe	Ala	Val	Lys		Arg	Glu	Leu
119	Com	7 ~~	35	T 011	Leu	C1 n	7 ~~	40	Dwo	3757	Πb~	77-1	45	C07	7 an	T 011
121	Ser		ıyı					TYL		vai	1111	60	Ala	Ser	ASII	Беа
122 123		Asp	Glu	Glu	Leu	Cys 70	Gly	Gly	Leu	Trp	Arg 75	Leu	Val	Leu	Ala	Gln 80
		Trn	Mot	Glu	Arg		Lvc	Thr	Va 1	Δla		Sar	Larg	Met	Gln	
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127				100					105					110		
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131		130	_		_	4.	135	_	_	_		140		_		_
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	Thr	Ата	Pro		Ala	Pro	GIU	Pro	_	ser	Cys	Asp	гуѕ		HIS	Thr
137	7	D	D	180	D	77-	D	a 1	185	7	a 1	a1	D	190	77-7	Db a
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139	T 011	Dho	195	Dwo	T	Dxo	Tera	200	Thr.	T 011	Mo+	T1.	205	7~~	The	Dro
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223 Glu Lys Phe Lys Gly Lys Ala Thr Leu Thr Ser Asp Lys Ser Ser Ser

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TIME: 14:46:02

Input Set : A:\47630301.txt Output Set: N:\CRF4\01252007\J723003A.raw 90 225 Thr Ala Tyr Met Glu Leu Ser Arg Leu Thr Ser Glu Asp Ser Ala Val 105 227 Tyr Tyr Cys Val Tyr Gly Ser Arg Tyr Asp Trp Tyr Leu Asp Val Trp 115 120 228 229 Gly Ala Gly Thr Thr Val Thr Val Ser Ser 130 233 <210> SEQ ID NO: 9 234 <211> LENGTH: 465 235 <212> TYPE: DNA 236 <213> ORGANISM: Mus musculus 238 <400> SEQUENCE: 9 239 atcatcacca gaacagctta cgagcagacc gccagacagc tcacagggat caagcttgcc 60 240 gccaccatgg aatcacagac tcaggtcttc ctctccctgc tgctctgggt atctggtacc 120 241 tgtgggaaca ttatgatgac acagtcgcca tcatctctgg ctgtgtctgc aggagaaaag 180 242 gtcactatga gctgtaagtc cagtcaaagt gttttataca gttcaaatca gaagaactac 240 243 ttggcctggt accagcagaa accagggcag tctcctaaac tgctgatcta ctgggcatcc 300 244 actagggaat ctggtgtccc tgatcgcttc acaggcagtg gatctgggac agattttact 360 245 ottaccatca geagtgtaca agetgaagac etggeagttt attactgtea teaatattte 420 -465 246 tecteataca egiteggagg ggggaceaag etggaaataa agegg 248 <210> SEQ ID NO: 10 249 <211> LENGTH: 133 250 <212> TYPE: PRT 251 <213> ORGANISM: Mus musculus 253 <400> SEQUENCE: 10 254 Met Glu Ser Gln Thr Gln Val Phe Leu Ser Leu Leu Leu Trp Val Ser 5 10 256 Gly Thr Cys Gly Asn Ile Met Met Thr Gln Ser. Pro Ser Ser Leu Ala 20 25 258 Val Ser Ala Gly Glu Lys Val Thr Met Ser Cys Lys Ser Ser Gln Ser 260 Val Leu Tyr Ser Ser Asn Gln Lys Asn Tyr Leu Ala Trp Tyr Gln Gln 261 262 Lys Pro Gly Gln Ser Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg 70 264 Glu Ser Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser Gly Thr Asp 85 266 Phe Thr Leu Thr Ile Ser Ser Val Gln Ala Glu Asp Leu Ala Val Tyr 267 100 105 268 Tyr Cys His Gln Tyr Phe Ser Ser Tyr Thr Phe Gly Gly Thr Lys 115 120 125 269 270 Leu Glu Ile Lys Arg 130 274 <210> SEQ ID NO: 11

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PATENT APPLICATION: US/10/723,003A

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VERIFICATION SUMMARY

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